

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5595 - L2 Version 002
Chandra X-Ray Center

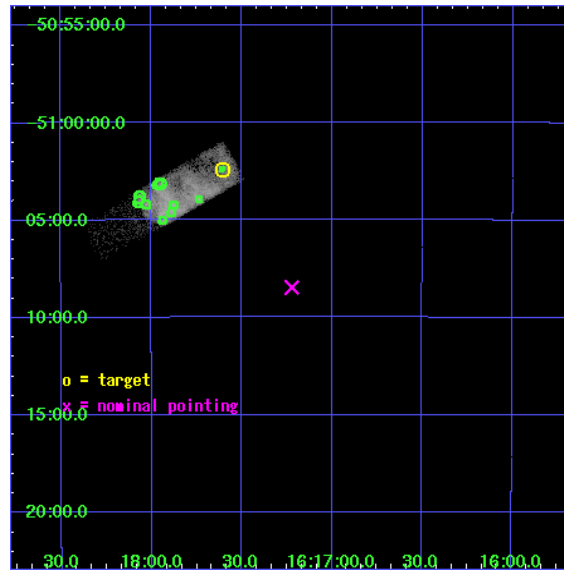
L2 Processing Date : Mar 31 2006

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1 Front

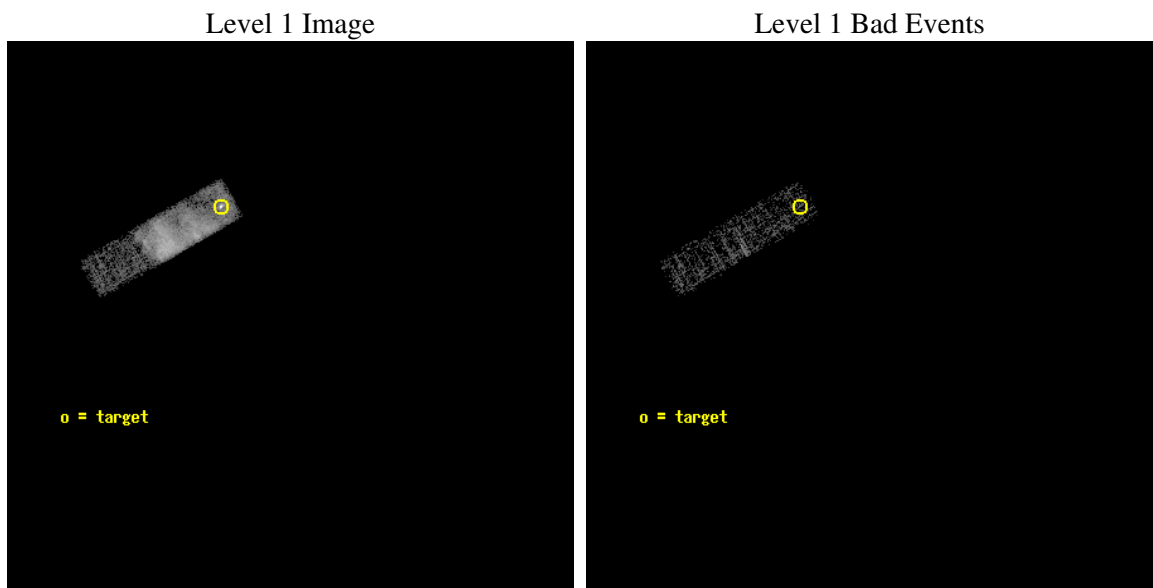
seq_num	500584
obs_id	5595
title	Monitoring of the Central Object in RCW103
observer	Professor Gordon Garmire
object	RCW103
dtcycle	0
cycle	P
ra_targ	244.40125
dec_targ	-51.040278
ra_nom	244.30545253808
dec_nom	-51.141172489563
roll_nom	240.18645156753
revision	2
ontime	4684.800069809
livetime	4456.1971557205
ontime3	4684.800069809
l2events	26513



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-31T22:49:50
revision	2

sched_exp_time	4500.000000
ontime	5422.967959702
ontime3	5422.967959702
l1events	36880

2.1.4 Events

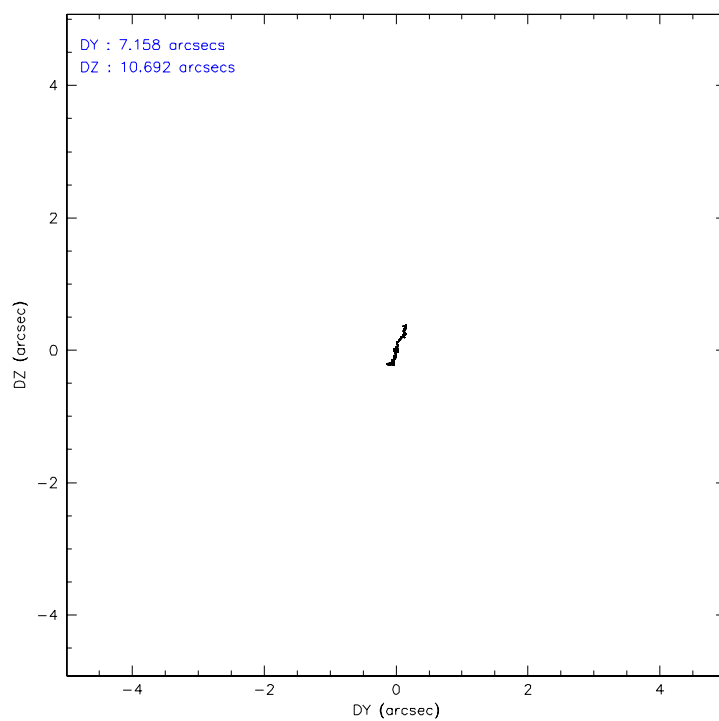
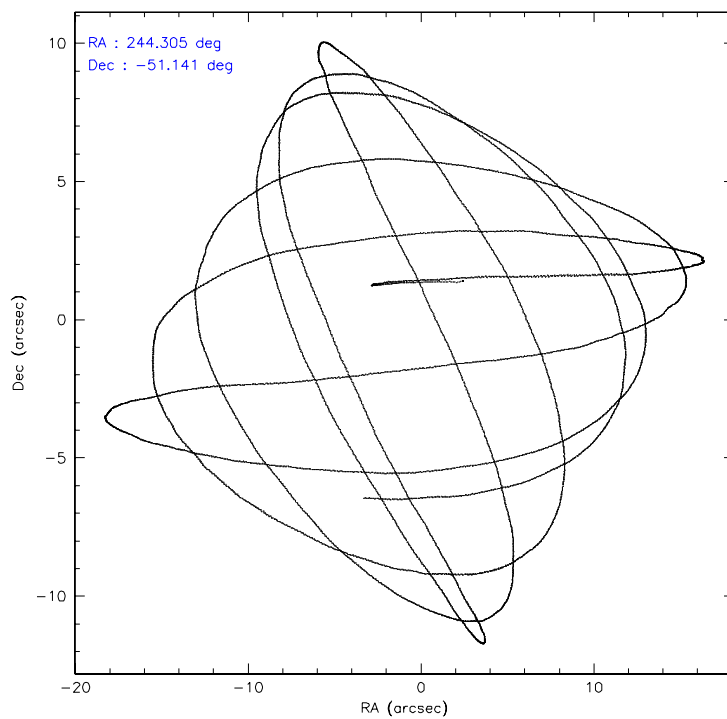
	ccd 3
level 1 events	36880
rejected events	9391
rejected %	25%

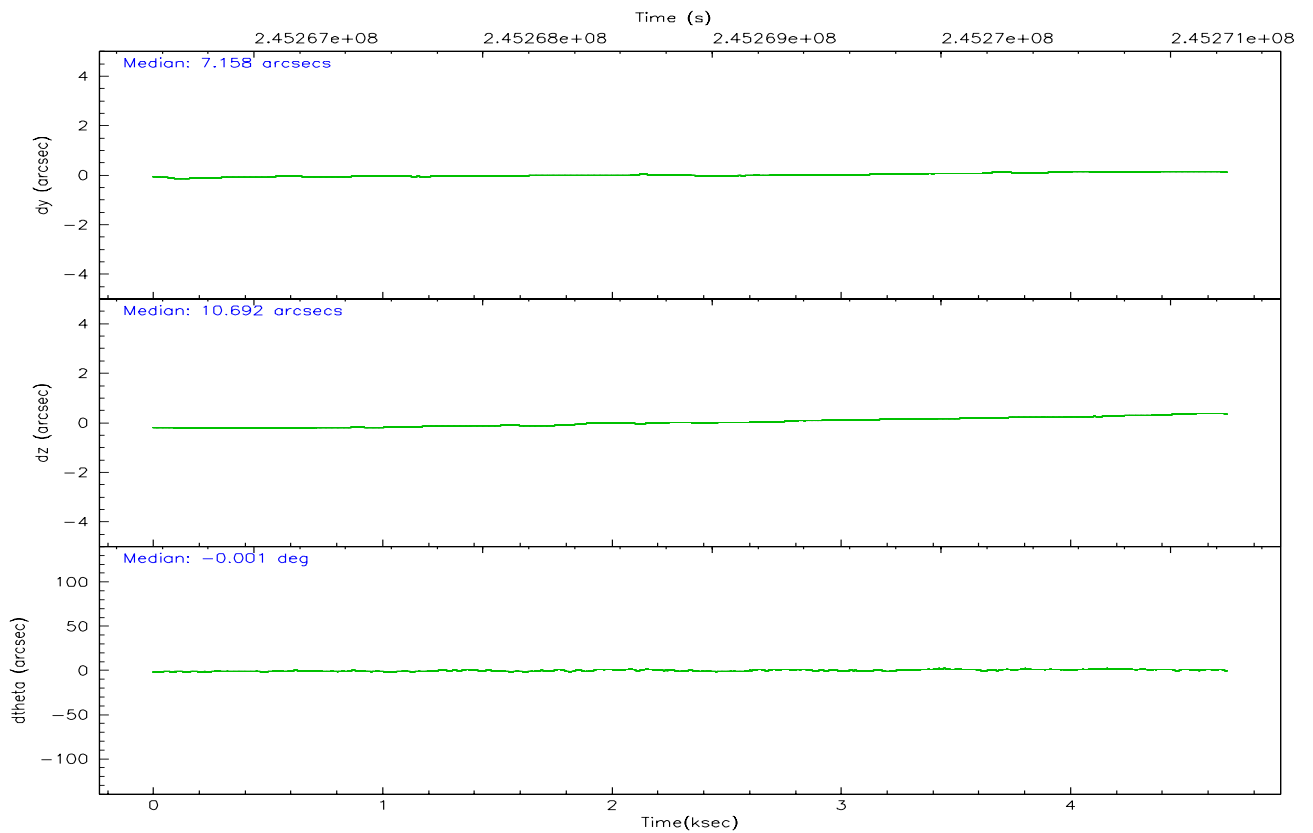
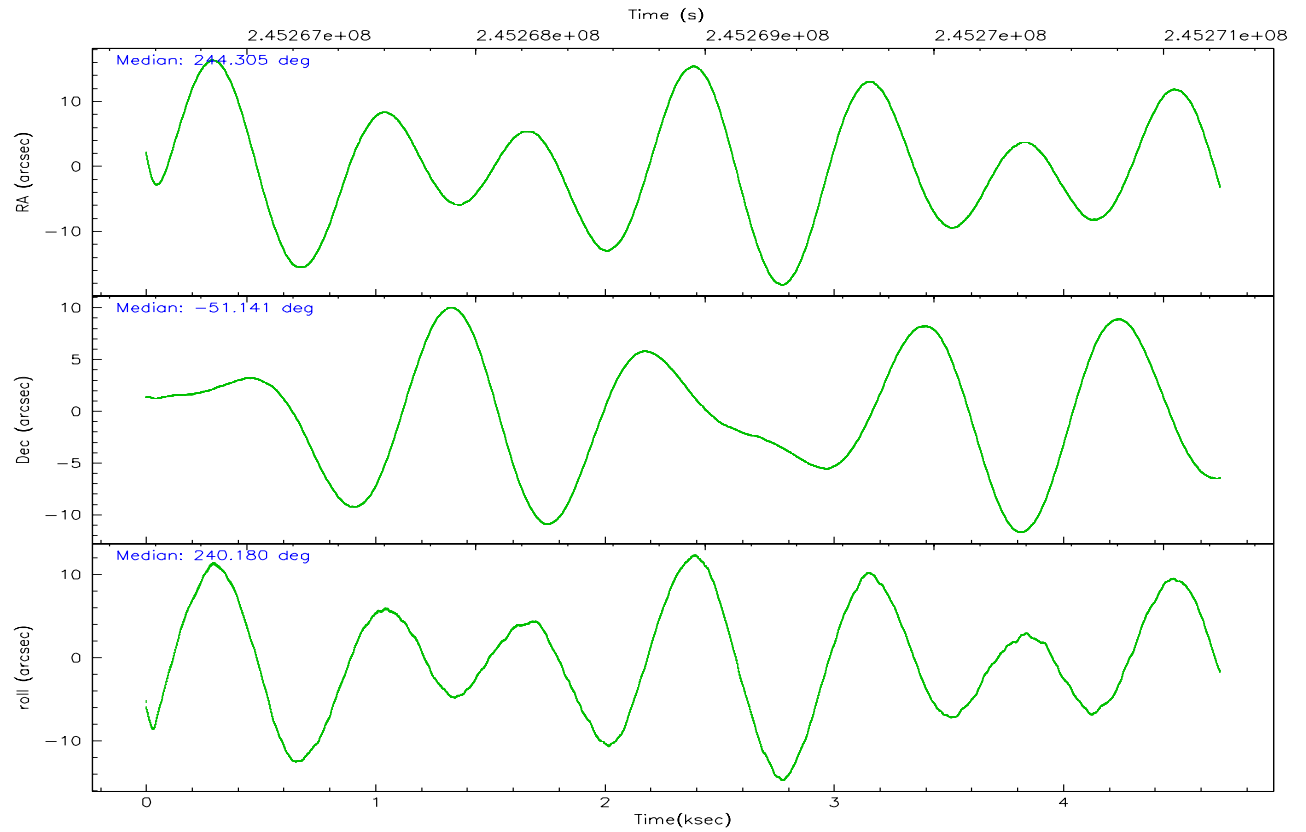
	ccd 3
grade 0 events	24085
	65%
grade 1 events	38
	0%
grade 2 events	2366
	6%
grade 3 events	740
	2%
grade 4 events	713
	1%
grade 5 events	179
	0%
grade 6 events	363
	0%
grade 7 events	8396
	22%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-3	ACIS-3	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	CUSTOM	1/4
Pointing RA	244.304878	244.3054525380768	Subarray start row	1	1
Pointing Dec	-51.113857	-51.14117248956264	Subarray row count	256	256
Pointing Roll	239.977336	240.186451567535	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Primary exposure time	0.000000	0.8
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	245266743.184000	245265736.55868			
Observation start date	2005-10-09T17:37:59	2005-10-09T17:22:16			
Observation end time	245271243.184000	245272194.05898			
Observation end date	2005-10-09T18:52:59	2005-10-09T19:09:54			
Read mode	TIMED	TIMED			

2.3 Aspect



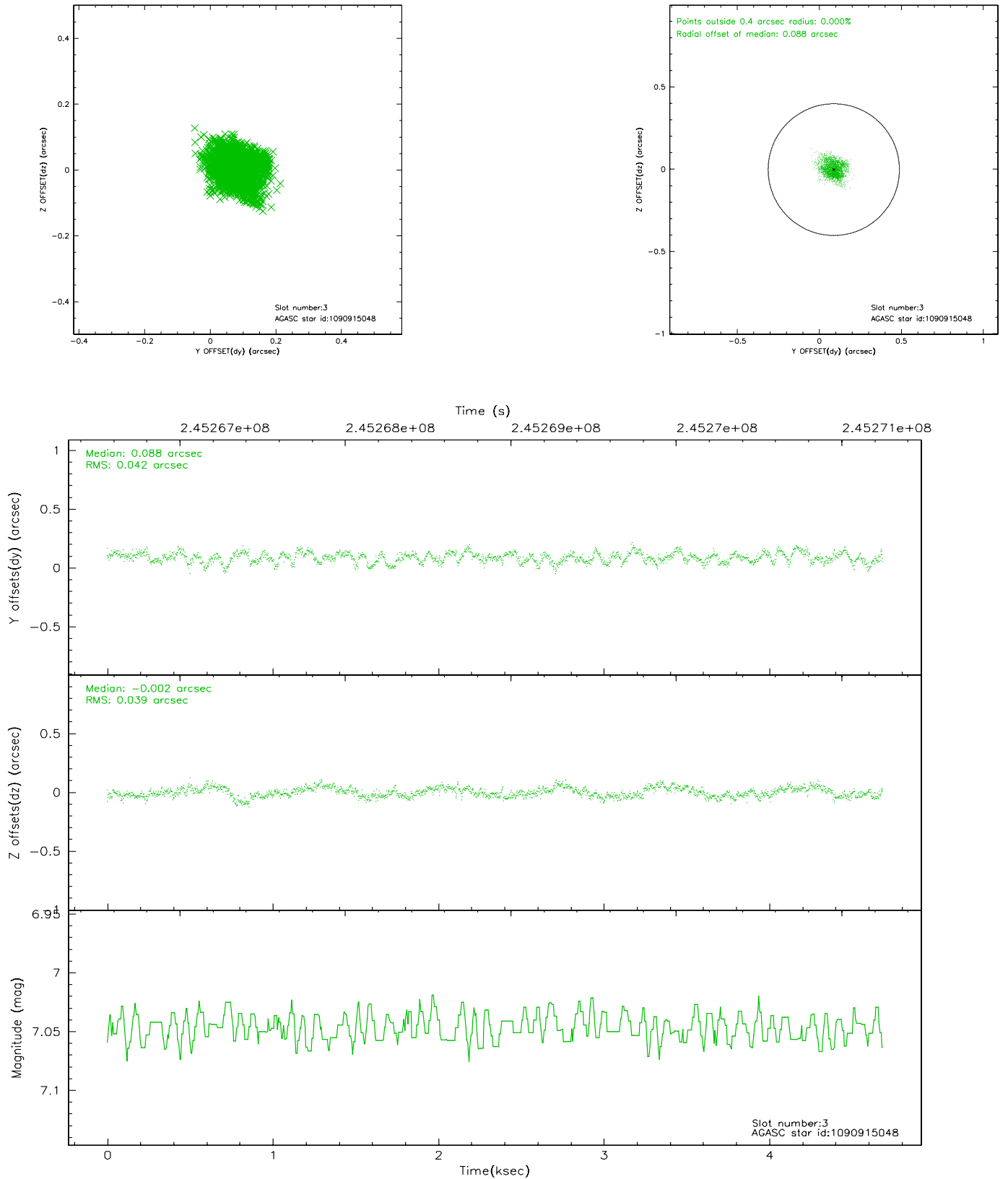


Slot Statistics

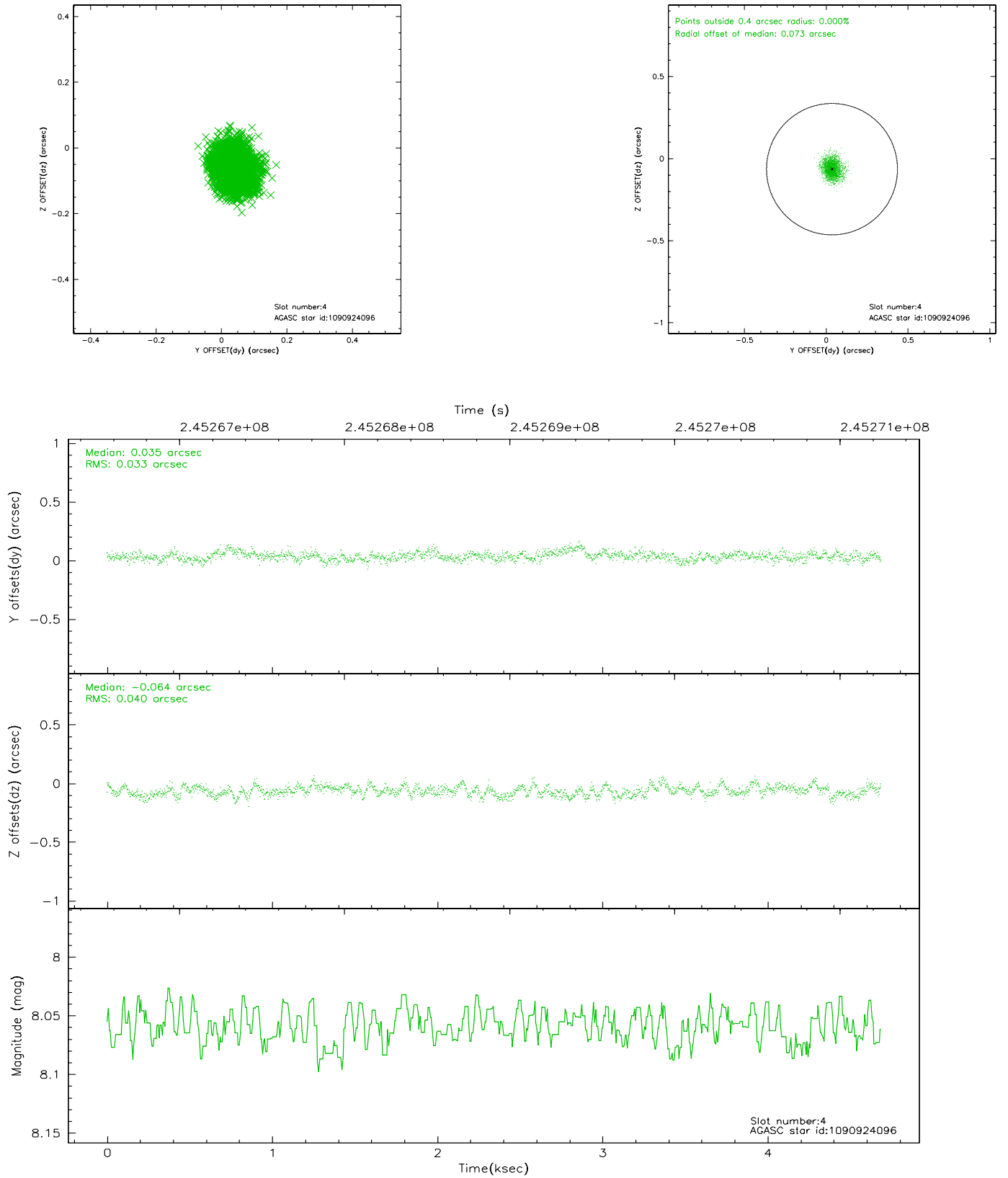
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1143	0.004	0.015	0.013	0.020	0.000000	0.000000	932.50	-834.20
1	FID	ACIS-I-5	7.22	1143	-0.128	0.033	0.013	0.018	0.000000	0.000000	-1814.99	1062.69
2	FID	ACIS-I-6	7.25	1143	0.034	0.022	0.010	0.016	0.000000	0.000000	396.68	1708.64
3	GUIDE	1090915048	7.05	2287	0.088	-0.002	0.061	0.098	242.940674	-51.298495	2137.73	-2311.71
4	GUIDE	1090924096	8.06	2287	0.035	-0.064	0.056	0.090	243.849549	-51.016855	218.23	-1067.11
5	GUIDE	1090924384	8.06	2287	-0.037	-0.005	0.059	0.097	243.330505	-50.934017	559.44	-2231.28
6	GUIDE	1091059112	9.06	2287	-0.030	0.022	0.083	0.131	245.180420	-50.736664	-2162.59	1052.36
7	GUIDE	1090921280	9.09	2284	-0.057	0.048	0.070	0.113	244.365071	-50.638328	-1551.07	-737.29

2.4 Star Slots

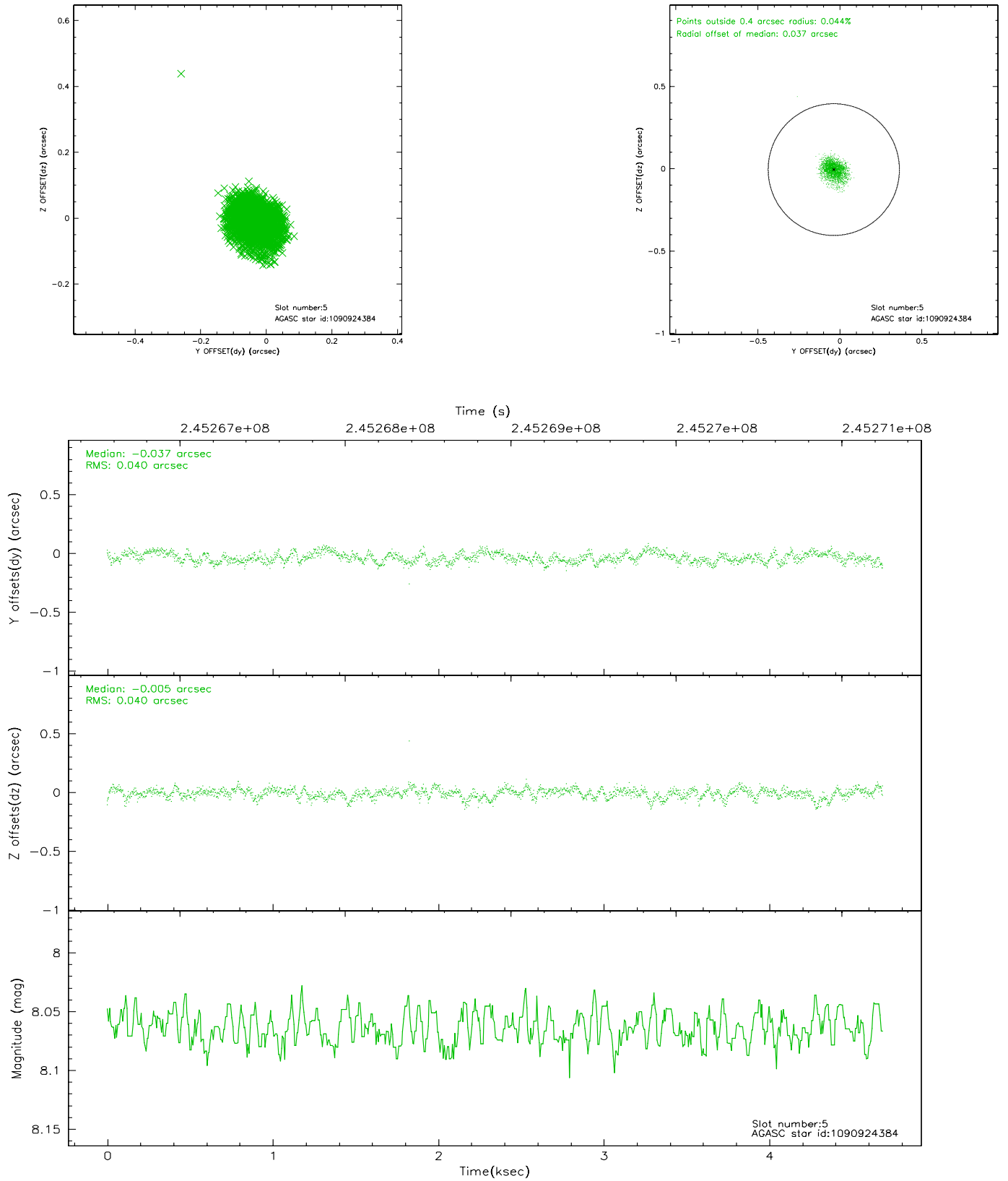
2.4.1 Slot 3



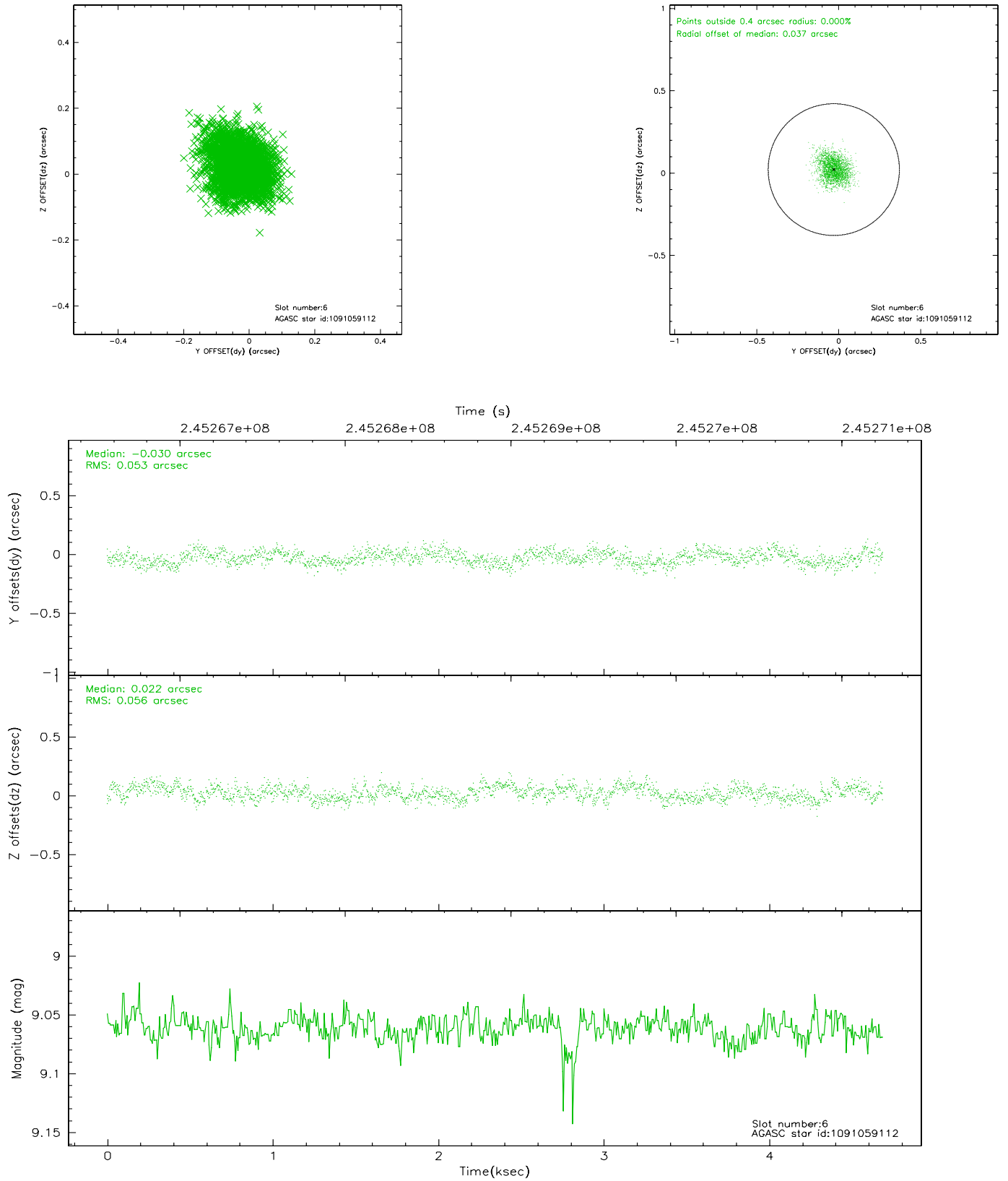
2.4.2 Slot 4



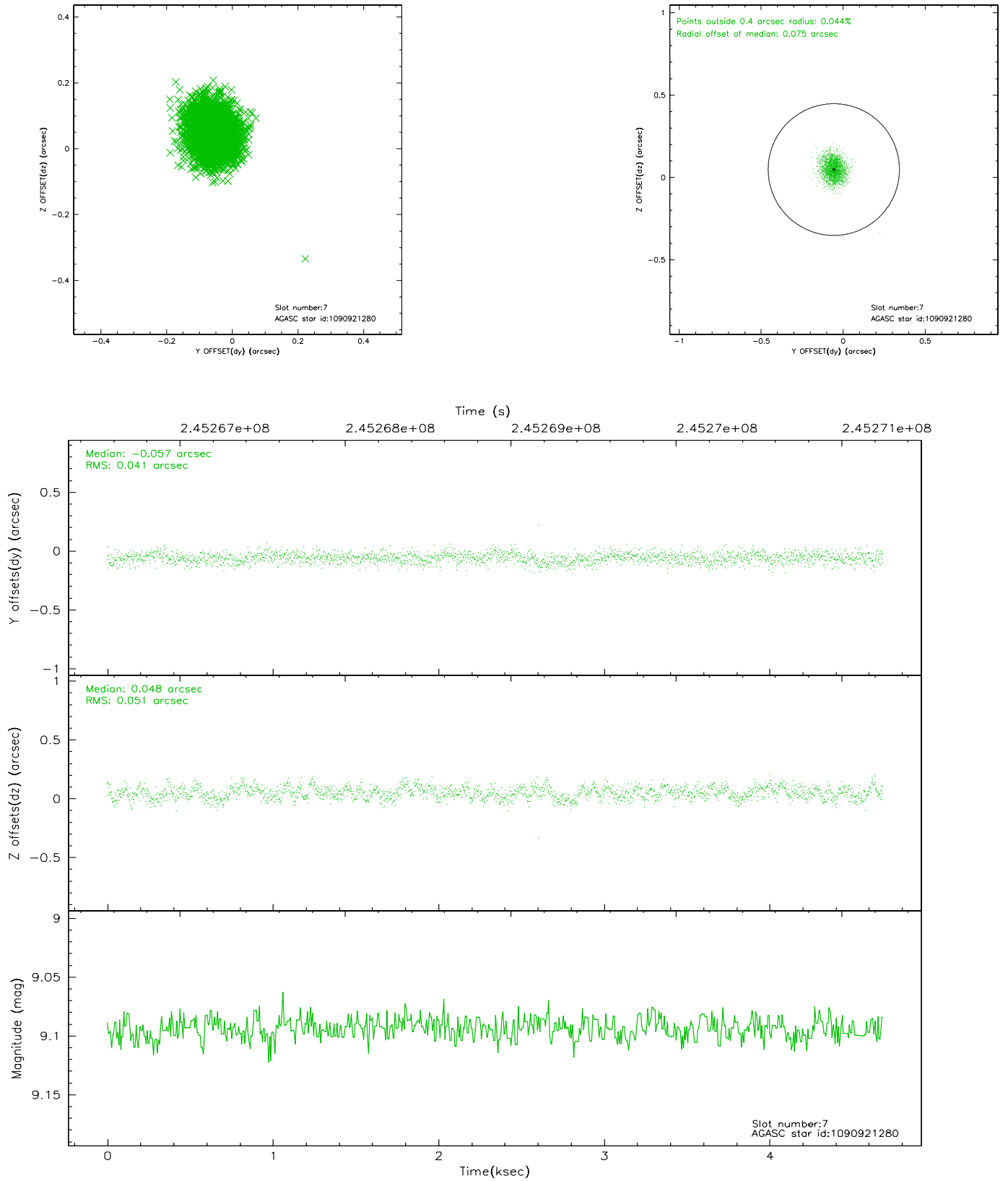
2.4.3 Slot 5



2.4.4 Slot 6

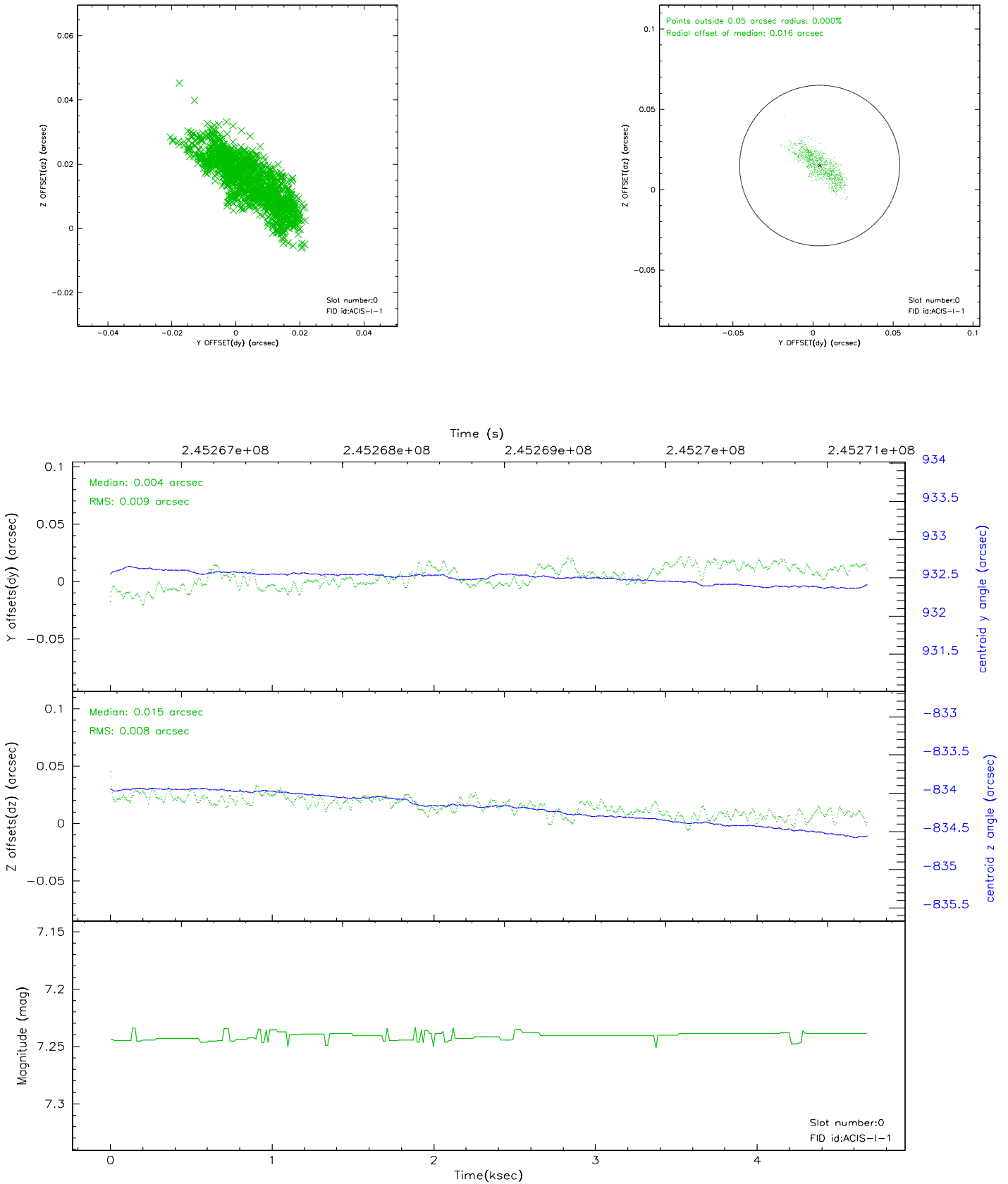


2.4.5 Slot 7

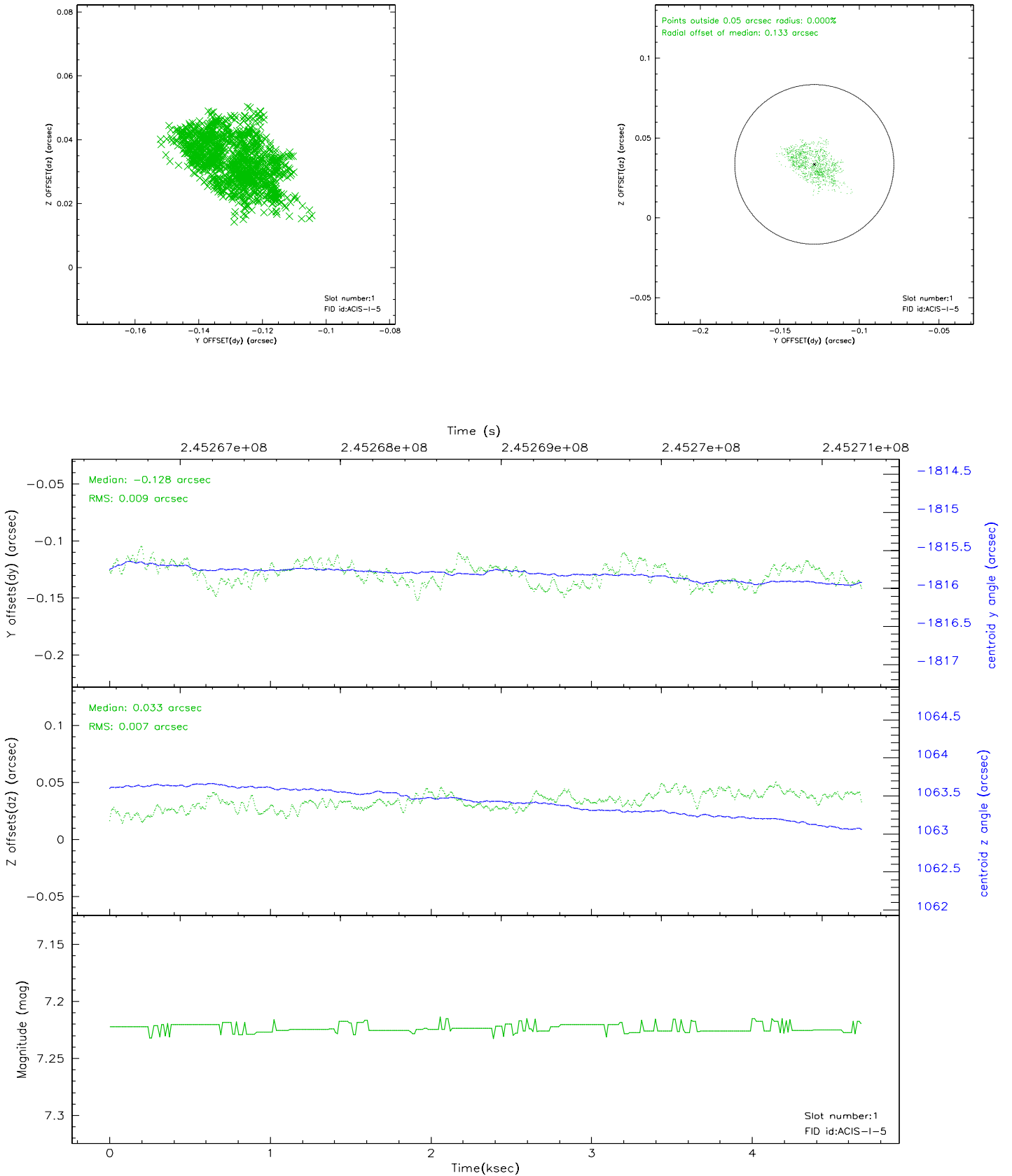


2.5 FID Slots

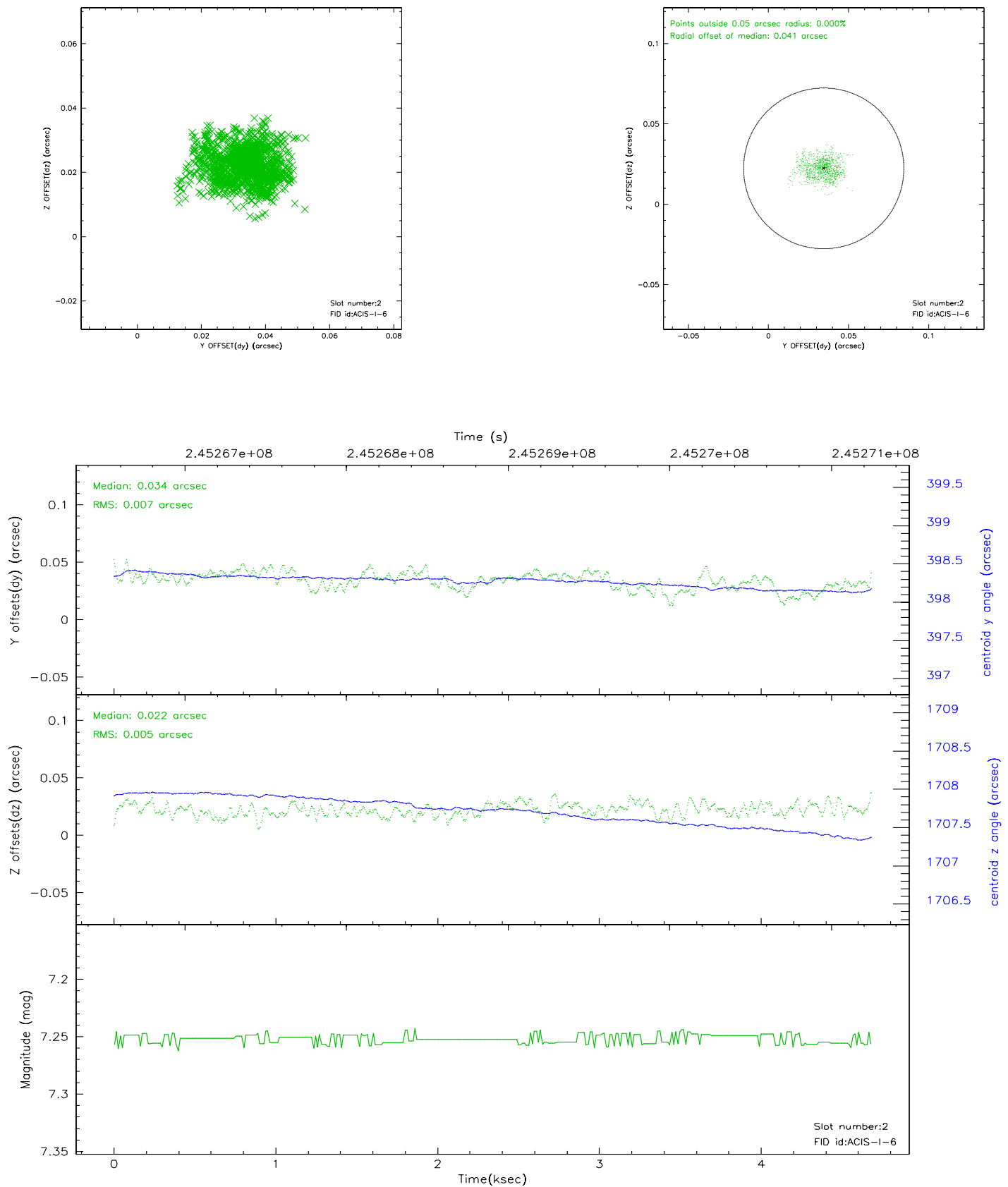
2.5.1 Slot 0



2.5.2 Slot 1

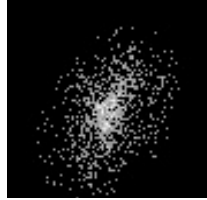


2.5.3 Slot 2



3 Point Sources

7.04 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.6848

A.2 Comments

As a consequence of the DEA-A shutdown anomaly on Sep 15th (DOY258), the the reported value of the ACIS FP temperature was ~1.3 degrees warmer than the actual temperature. GOs should subtract 1.3 degrees from the reported temperature to determine the true temperature.

Monitor constraint met.